

PATENT

PR-US010482

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hilmer RAUHE et al.

Serial No.: PCT/EP00/02893

Filed: March 31, 1999

For: INFORMATION-CARRYING  
AND INFORMATION-  
PROCESSING POLYMERS

#2/pre  
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PRELIMINARY AMENDMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

Prior to examination of the above-identified application, please amend the subject application as follows:

IN THE CLAIMS:

Please replace claim 1 with the following amended version:

1. (Amended) A method for producing information-carrying polymers, comprising:

Step I defining a regular grammar  $G = (\Sigma, V, R, S)$  with a finite terminal alphabet  $\Sigma$ , a finite set of variables  $V$ , a finite set of rules  $R$ , and a start symbol  $S$ ;

Step II being the NFR method (Niehaus-Feldkamp-Rauhe method) for producing monomer sequences;

Step III implementing, with the NFR method, a grammar as defined in Step I, by producing with the NFR method monomer sequences that unambiguously represent said set of rules  $R$  of a grammar  $G$ ;

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